

Docket No. 212701US2PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Jean-Louis GERSTENMAYER, et al. -

SERIAL NO: 09/914,255

GAU: 2878

FILED: August 24, 2001

EXAMINER: LEE, S. K.

FOR: BIDIMENSIONAL DETECTOR OF IONIZING RADIATION AND MANUFACTURING PROCESS FOR THIS DETECTOR

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

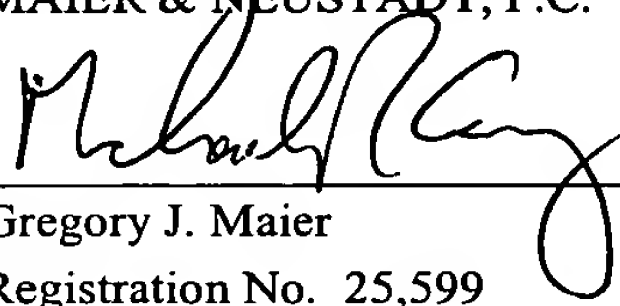
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

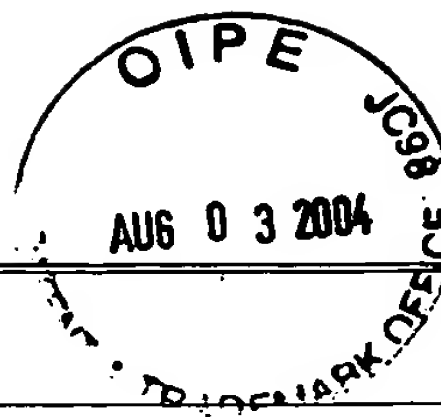
  
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 212701US2PCT		SERIAL NO. 09/914,255	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Jean-Louis GERSTENMAYER, et al.			
				FILING DATE August 24, 2001		GROUP 2878	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	2 739 941	04-18-97	FRANCE (corr. US 6,133,575)			x
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

AUG 03 2004

SHEET 1 OF 1

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

212701US2PCT

SERIAL NO.

09/914,255

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Jean-Louis GERSTENMAYER, et al.

FILING DATE

August 24, 2001

GROUP

2878

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,150,315	04/17/79	K-H. YANG			
	AB	6,133,575	10/17/2000	G. CHARPAK, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AP	0 678 896	10/25/95	EUROPE		
	AQ	2 762 096	10/16/98	FRANCE (with English Abstract)		X
	AR	2 739 941		FRANCE (corr. US 6,133,575)		
	AS					
	AT					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AU	J-L. GERSTENMAYER, Nuclear Instruments and Methods in Physics Research, vol. 422, no. 1-3, pages 649-655, "HIGH DQE PERFORMANCE X-AND GAMMA-RAY FAST IMAGERS: EMERGENT CONCEPTS", February 11, 1999
	AV	A. P. JEAUVONS, et al., Nuclear Instruments and Methods, vol. 124, no. 2, pages 491-503, "THE HIGH-DENSITY MULTIWIREDRIFT CHAMBER", March 1, 1975
	AW	M. SUZUKI, et al., Nuclear Instruments and Methods in Physics Research, vol. A263, no. 1, pages 237-242, "ON THE OPTICAL READOUT OF GAS AVALANCHE CHAMBERS AND ITS APPLICATIONS", January 1, 1988
	AX	V. PERZ-MENDEZ, et al., IEEE Trans. Nucl. Sci., NS-21, pages 45-50, "RECENT DEVELOPMENT IN DELAY LINE READOUT OF MULTIWIRED PROPORTIONAL CHAMBERS", 1974
	AY	S. N. KAPLAN, et al., Nuclear Instruments and Methods, vol. 106, pages 397-406, "MULTIWIRED PROPORTIONAL CHAMBERS FOR BIOMEDICAL APPLIATION", 1973
	AZ	J-L. GERSTENMAYER, et al., SPIE, vol. 2859, pages 107-114, MULTI STEP PARALLEL PLATE AVALANCHE CHAMBER AS A 2D IMAGER FOR MeV PULSED RADIOGRAPHY", August 7-8, 1996

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



DOCKET NO: 212701US2PCT

Sheet 1 of 1

SERIAL NO: 09/914,255

Group Art Unit: 2878

STATEMENT OF RELEVANCY

References AQ through AV and AX through AZ on Form 1449 are discussed in the specification.

COPY

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OSMM&N File No. 212701US2PCT

Dept.: PP

By: MIS/hc

Serial No. 09/914,255

In the matter of the Application of: Jean-Louis GERSTENMAYER, et al.

For: TWO-DIMENSIONAL DETECTOR OF IONISING RADIATION AND METHOD FOR MAKING SAME

The following has been received in the U.S. Patent Office on the date stamped hereon:

- ☐ pp. Specification & Claims/Drawings Sheets
- ☐ Combined Declaration, Petition & Power of Attorney pages
- ☐ List of Inventor Names and Addresses
- ☐ Utility Patent Application ☐ CPA
- ☐ Notice of Priority ☐ Priority Doc
- ☐ Check for ☒ Dep. Acct. Order Form
- ☐ Fee Transmittal Form
- ☐ Assignment/PTO-1595 pages:
- ☐ Letter to Official Draftsman
- ☐ Letter Requesting Approval of Drawing Changes
- ☐ Drawings sheets ☐ Formal
- ☐ Letter
- ☐ Amendment
- ☒ Information Disclosure Statement ☒ PTO-1449
- ☒ Cited References ( 5 )
- ☒ INTERNATIONAL and FRENCH Search Report (with English Translation of Category of Cited Documents)
- ☒ Statement of Relevancy
- ☐ IDS/Related/List of Related Cases ☐ Cited Pending Applications ( )
- ☐ Restriction Response ☐ Election Response
- ☐ Rule 132 Declaration
- ☐ Petition for Extension of Time
- ☐ Notice of Appeal
- ☐ Brief
- ☐ Issue Fee Transmittal
- ☐ White Advanced Serial Number Card



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